



DIST

COUNTY

ROUTE

KILOMETER TOTAL

POST PROJECT

SHEET NO.

TOTAL SHEETS

REGISTERED CIVIL ENGINEER

January 24, 2005

PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To get to the Caltrans web site, go to: <http://www.dot.ca.gov>

To accompany plans dated _____

REGISTERED PROFESSIONAL ENGINEER

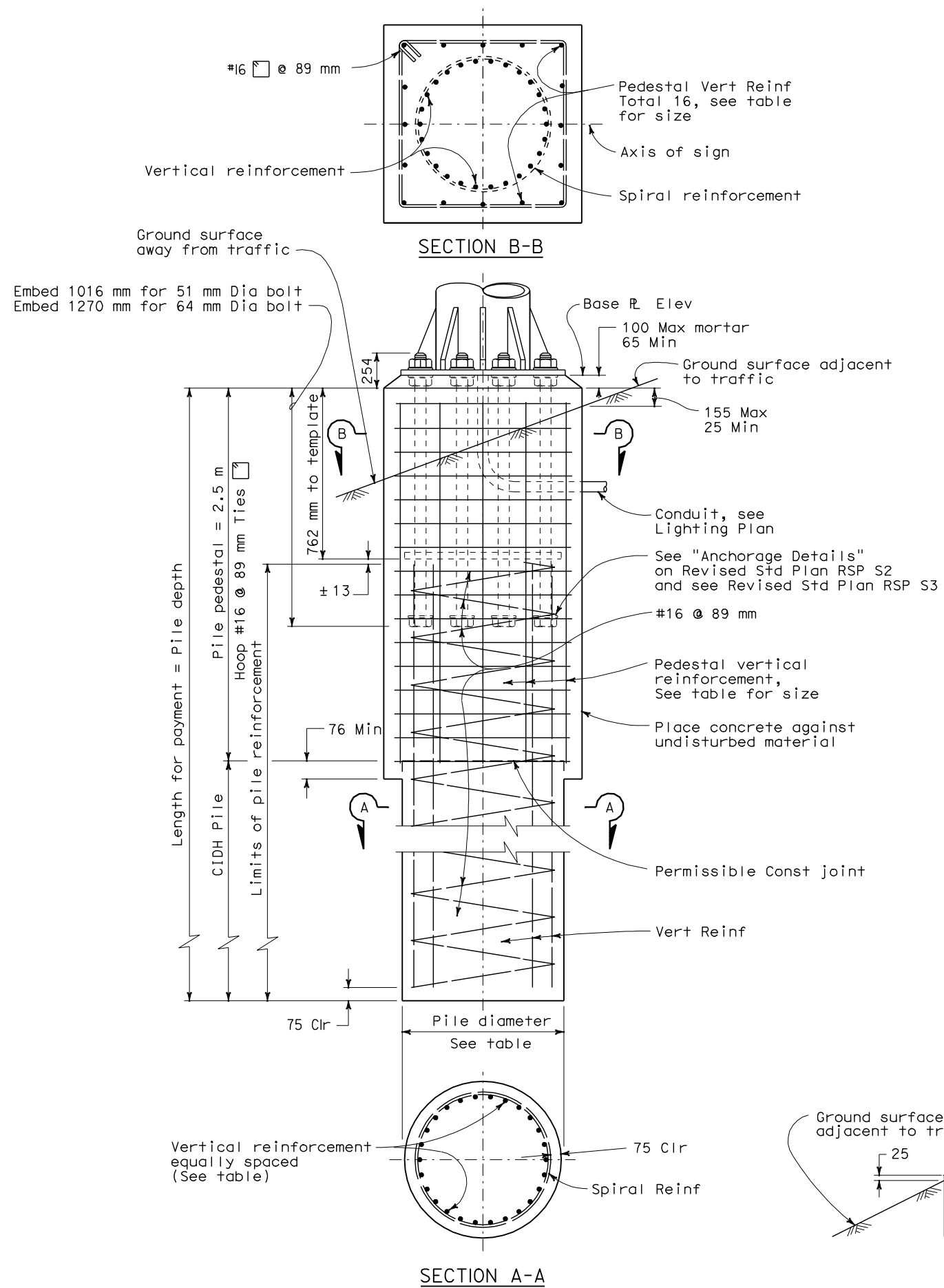
Tillat Sattar

No. C42892

Exp. 03-31-2006

CIVIL

STATE OF CALIFORNIA

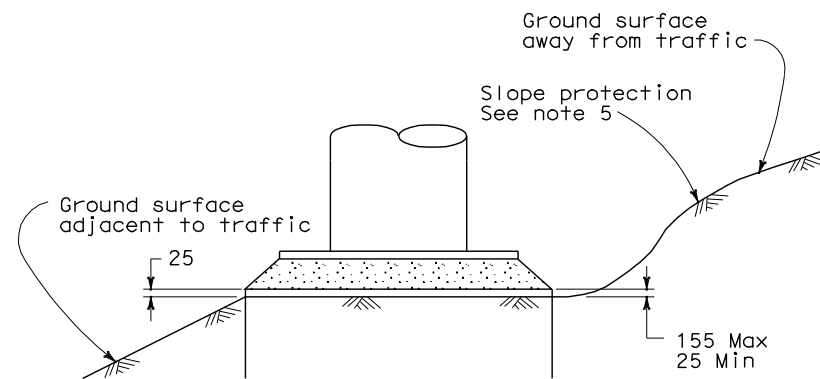


Post Type No.	Anchor Bolts			Square Pedestal						CIDH						
	Bolt Circle (mm)	Bolts Total & Dia (mm)	Total Length (mm)	Pedestal Square one side (mm)	Reinforcing			Hoop		Pile Dia (mm)	* * Pile Depth (m)	Vertical Reinforcing			Spiral	
					Total	Bar Size	# of bars each face	Bar Size	Pitch (mm)			Total	Bar Size	Bar Circle (mm)	Bar Size	Pitch (mm)
II	610	12-51	1270	1600	16	#32	5	#16	89	1372	4.5	26	#32	1143	#16	89
III	610	12-51	1270	1600	16	#32	5	#16	89	1372	4.9	26	#32	1143	#16	89
IV	610	12-51	1270	1600	16	#32	5	#16	89	1372	5.5	26	#32	1143	#16	89
V	864	14-51	1270	1600	16	#32	5	#16	89	1372	5.8	26	#32	1143	#16	89
VI	864	16-64	1524	1753	16	#36	5	#16	89	1524	6.7	28	#36	1295	#16	89
VII	864	16-64	1524	1753	16	#36	5	#16	89	1524	7.0	28	#36	1295	#16	89
VIII	864	16-64	1524	1753	16	#36	5	#16	89	1524	7.6	28	#36	1295	#16	89
IX	864	16-64	1524	1753	16	#36	5	#16	89	1524	7.6	28	#36	1295	#16	89

* * Use Foundation Depth shown in table unless otherwise shown on the Project Plans.

NOTES

1. For anchor bolt layout see post sheet.
2. For "Base ℓ elevation" see Project Plans.
3. Prior to erection of the post, backfill which is equivalent to the surrounding material shall be in place.
4. Pedestal shall be formed 150 mm minimum below ground surface Remainder to be placed against undisturbed material.
5. Slope protection required when indicated on the Project Plans.
6. Foundation design is based on 2001 AASHTO article 13.6 Broms' approximate procedure assuming a cohesionless material. The angle of internal friction used is 30 degree and unit weight of soil used is 1922 kg/m³.



STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**OVERHEAD SIGNS-TRUSS
SINGLE POST TYPE
SQUARE PEDESTAL PILE FOUNDATION**
NO SCALE
ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

RSP S7 DATED JANUARY 24, 2005 SUPERSEDES STANDARD PLAN S7
DATED JULY 1, 2004-PAGE 316 OF THE STANDARD PLANS BOOK DATED JULY 2004.

REVISED STANDARD PLAN RSP S7